



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **19183** | Service: **DTV** | Call **WZVN-TV** | Channel: **28 (UHF)** |  
ID:  
File **0000028624** | Sign:  
Number:  
FRN: **0001733518** | Date **02/22**  
Submitted: **/2021**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>Montclair Communications, Inc.</b> Doing Business As: Montclair Communications, Inc.	Lara W. Kunkler 101 Devon Rd. Charlottesville, VA 22903 United States	+1 (239) 841-1706	kunk@water.net	Corporation

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Daniel Eugene Billings</b> <i>Director of Engineering</i> <i>Montclair Communications, Inc.</i>	Dan Billings 3719 Central Avenue Fort Myers, FL 33901 United States	+1 (239) 939-6299	danb@water.net

**Broadcaster  
Information  
and  
Transition  
Plan**

Question		Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.		Yes
Briefly describe transition plan		Replace current channel 41 TX with a new channel 28 TX. Encode ABC with WBBH and broadcast on the WBBH signal. Install temporary antenna. Remove old top mount antenna. Transition to new to new E pol to mount antenna when install completed..

**Transmitters**

Section	Question	Response
Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	Waterman Broadcasting, LLC
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	DCX-2H
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	40 kW

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	PRLX U24 D28
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	40 kW
	Justification for New Transmitter	Manufacturer will not retune current transmitter. This purchase represents "Like for Like" replacement to ensure operations maintain current flexibility. See attachment "WZVN 399 Cost Estimate Questions and Answers" for further explanation.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Onsite electrical contractor estimate for all electrical work needed to install the new transmitter.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	10 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A

	Number of Days	N/A
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**Primary Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
State Sales Tax	State sales tax levied on equipment at 6 percent.
Remote control rebuild	Rebuild remote control system to work with new transmitter.
Transmitter offloading	The estimated cost to offload and place the new transmitter in our building.
Surge Suppressor	Replacement of current surge suppression with system suitable for the solid state transmitter.
Current transmitter removal	Disassemble current transmitter, filters, combiner, heat exchangers, piping, etc. Remove from site.
Temporary storage	Temporary storage of new transmitter, filters, combiner, heat exchangers and associated hardware.
Transmitter Shipping	The estimated cost of shipment for the new transmitter to our facility.

**Antennas**

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

**Primary  
Antenna**

**Add Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	Waterman Broadcasting, LLC
	Site	N/A
	Is this antenna currently shared with any other stations?	Yes
	Is this antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	2
	Number of Panels	56
	Design power capacity in use	80.0 %
	Lower Limit	476.00 MHz
	Upper Limit	638.00 MHz
	Other Antenna Type	N/A



ERP: (Effective Radiated Power) .....	1000.0 kW
Manufacturer	
Model	ABBP14H3- HTP4-15/41
Year	2002

**Facility ID's and Call Signs of  
all stations with whom the  
antenna is shared.**

Facility ID	Call Sign
71085	WBBH-tv

**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Leased
	Owner	Waterman Broadcasting, LLC
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Panel
	Number of Stations Supported	2
	Number of Panels/Bays	42
	Lower Limit	476.00 MHz
	Upper Limit	560.00 MHz
	Design power capacity in use	70.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	1000.0 kW
	Manufacturer	

Model	TUM30-P4-14 /42H-1-R
Year	2018
Justification for New Antenna	Current antenna pattern and performance questionable at channel 28. Replace to maintain current performance and upgrade to E Pol for ATSC 3.0. See attachment "WZVN 399 Cost Estimate Questions and Answers" for further explanation.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes

	Broadband or Single Channel?	Broadband
	Feed Line Size	7 3/16 inches inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Enter a list of RF channel numbers.**

RF Channel Number
28
15

## Primary Antenna

### Other Antenna Cost Not Listed

Name	Description
<b>Current Antenna Analysis</b>	Parameter analysis pattern tabulation of current Alan Dick antenna.
<b>New Main Antenna Shipping</b>	Estimated cost to ship new main antenna from Europe,
<b>State Sales Tax</b>	State sales tax levied on equipment at 6 percent.
<b>Temporary main antenna storage</b>	Portable temporary storage for the new main antenna and associated hardware prior to installation.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Leased
	Owner	Waterman Broadcasting, LLC
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	2
	Number of Panels/Bays	24
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	50.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	541.0 kW
	Manufacturer	

Model	TFU-24WB C160 CH 14-51
Year	2018
Justification for New Antenna	To be used during time the main top mount antenna and line are being changed. This is a Dielectric slotted side mounted antenna. See attachments "exhibit a" and "WZVN 399 Cost Estimate Questions and Answers" for quote and requirement explanation.

## Interim Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes

	Broadband or Single Channel?	B
	Feed Line Size	6 1/8 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

## Interim Antenna

### Other Antenna Cost Not Listed

Name	Description
<b>Interim Operaton plumbing</b>	This is the cost for in building plumbing hardware and installation to the Interim antenna system.
<b>State Sales Tax</b>	State sales tax levied on equipment at 6 percent.
<b>Interim antenna shipment</b>	Estimated cost to ship interim antenna.
<b>Temporary interim antenna storage</b>	Portable storage facility for temporary storage of the interim antenna prior to installation.

**Transmission Line**

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes



**Primary**  
**Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1575 feet per run

**Facility ID's and Call Signs of all stations with whom the transmission line is shared.**

Facility ID	Call Sign
71085	WBBH-TV

**Primary** **New Transmission Line**  
**Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1575 feet per run
	Justification for New Transmission Line	Current transmission line cut and optimized for channels 15 and 41. Will change to line optimized for new channel 28 and 15.

**Primary** **Other Transmission Line Expenses Not Listed**  
**Transmission Line**

Name	Description
<b>Temporary main TX line storage</b>	Portable temporary storage of the main transmission line before installation.

<b>Shipment of main TX line</b>	Shipment of the main transmission line to our facility.
<b>State sales tax</b>	State sales tax levied on equipment at 6 percent.

**Interim  
Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	6 1/8 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	1575 feet per run
	Justification for New Transmission Line	Needed to stay in operation while permanent line, antenna and ABC transmitter are installed.

**Interim  
Transmission Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
<b>Shipment of interim TX line</b>	Shipment of the interim transmission line to our facility.
<b>State sales tax</b>	State sales tax levied on equipment at 6 percent.
<b>Temporary storage for interim TX line</b>	Portable temporary storage for the interim transmission line prior to installation.

**Tower  
Equipment  
And  
Rigging  
Costs**

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

**Primary  
Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1231697
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	26° 49' 22.4" N-
	Longitude (NAD83)	081° 45' 53.6" W-
	Overall Structure Height	1516.06 feet
	Support Structure Height	1457.66 feet
	Ground Elevation Above Mean Sea Level (AMSL)	33.14 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Waterman Broadcasting Corp. of Florida
	Date Constructed	09/13/2002

**FM, AM or TV radio  
broadcasters. Facility ID's,  
Call Signs and Services of  
other broadcast stations with  
whom the tower is shared**

Facility ID	Call Sign	Service
71085	WBBH-TV	DTV

#### Other Types of Users

Users
EMS
LoJack

#### Primary Tower

#### Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

**Primary  
Tower**

**Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	Yes

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	915
	Explanation	Manage the delivery of new transmitter and RF systems, storage, installation process and disposal of old equipment. Manage tower modifications and line and antenna installation. Processing Form 399.
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare request for Special Temporary Authority	Yes
	Quantity	1



	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A

	Justification	N/A
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**Outside Professional Services Costs**

**Other Professional Services Expenses Not Listed**

Name	Description
<b>Comark</b>	Site Design Service - On site analysis, layout and drawings for new transmitter and RF system. See attachments "exhibit f" and "WZVN 399 Cost Estimate Questions and Answers" costs already incurred and for further explanation.
<b>DTV Pros</b>	The company will assist with quotations and add efficiency throughout project. See attachments "exhibit a" and "WZVN 399 Cost Estimate Questions and Answers" for further explanation.
<b>Washington Engineering</b>	Antenna pattern analysis and CP for channel 28 and repack consultation. Cohen, Dippell and Everist. P.C. See attachment "WZVN 399 Cost Estimate Questions and Answers" for further explanation.

## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
<b>Permit and Filing Costs</b>	Local Zoning	Yes
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	Yes
<b>Other Miscellaneous Expenses</b>	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
<b>Comark Training</b>	Training for two company engineers so that transmitter may be maintained to FCC specifications. Same as with current transmitter.

## Cost Information

### Transmitters

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter PRLX U24 D28	\$1,674,317.76	\$1,359,634.76		\$1,314,050.77	
Transmitter Shipping	<i>\$17,945.14</i>	\$17,945.14	Please see Estimated Cost Justification WZVN-110-1st Primary Transmitter - Shipping v0	\$17,945.14	N/A
10 Ton system	\$38,900.00	\$37,000.00	N/A	N/A	N/A
Temporary storage	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Remote control rebuild	<i>\$8,000.00</i>	\$8,000.00	Rebuild remote control system to work with new transmitter.	\$5,308.82	N/A
State Sales Tax	<i>\$76,065.28</i>	\$76,065.28	see Estimated Cost Justification WZVN-110-1st Primary Transmitter - State Sales Tax v1	\$76,065.28	N/A
Transmitter offloading	<i>\$6,000.00</i>	\$6,000.00	Comark quoted cost.	\$6,000.00	N/A

Surge Suppressor	<b>\$8,800.00</b>	\$8,800.00	Replacement of current surge-suppressor with unit specified for new transmitter. Comark quoted cost.	\$7,907.19	N/A
Current transmitter removal	<b>\$20,575.00</b>	\$20,575.00	Removal of current transmitter, RF system and cooling system Includes disposal. Per Comark estimate.	\$20,575.00	N/A
Other Electrical Service: Onsite electrical contractor estimate for all electrical work needed to install the new transmitter.	<b>\$20,032.34</b>	\$20,032.34	see Estimated Cost Justification WZVN-110-1st Primary Transmitter - Other Electrical Service v0	\$20,032.34	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,160,217.00	Comark quoted cost.	\$1,160,217.00	N/A
<b>Sub-total</b>	\$1,674,317.76	\$1,359,634.76	N/A	\$1,314,050.77	N/A
<b>Total for all systems</b>	\$5,189,712.39	\$4,694,706.98	N/A	\$3,147,022.01	N/A

## Components

Actual Information Description	File Name
Transmitter Shipping	<div> <b>Component Description:</b> WZVN-110-1st Primary Transmitter - Shipping         </div> <div> <b>Amount:</b> \$847.25         </div>
	<div> <b>Component Description:</b> Broadcast Television Transmitter Appointment Delivery         </div> <div> <b>Amount:</b> \$1,000.14         </div>
	<div> <b>Component Description:</b> WZVN-110-1st Primary Transmitter - Shipping         </div> <div> <b>Amount:</b> \$7,625.25         </div>
	<div> <b>Component Description:</b> Transmitter Transportation         </div> <div> <b>Amount:</b> \$8,472.50         </div>
	10 Ton system
	Information not provided.
Temporary storage	Information not provided.
Remote control rebuild	<div> <b>Component Description:</b> BURK IU IP- BASED TRANSMITTER R /C         </div>
	<div> <b>Amount:</b> \$5,308.82         </div>

State Sales Tax	<div data-bbox="703 174 1378 327"> <p><b>Component Description:</b> WZVN-110-1st Primary Transmitter - State Sales Tax</p> <p><b>Amount:</b> \$35,838.69</p> </div> <div data-bbox="703 434 1378 586"> <p><b>Component Description:</b> WZVN-110-1st Primary Transmitter - State Sales Tax</p> <p><b>Amount:</b> \$4,167.23</p> </div> <div data-bbox="703 694 1278 766"> <p><b>Component Description:</b> Taxes</p> <p><b>Amount:</b> \$36,059.36</p> </div>
Transmitter offloading	<div data-bbox="703 900 1378 1097"> <p><b>Component Description:</b> WZVN-110-1st Primary Transmitter - Transmitter Offloading</p> <p><b>Amount:</b> \$2,700.00</p> </div> <div data-bbox="703 1205 1278 1317"> <p><b>Component Description:</b> Transmitter Offloading</p> <p><b>Amount:</b> \$3,000.00</p> </div> <div data-bbox="703 1424 1378 1621"> <p><b>Component Description:</b> WZVN-110-1st Primary Transmitter - Transmitter Offloading</p> <p><b>Amount:</b> \$300.00</p> </div>
Surge Suppressor	<div data-bbox="703 1751 1378 1823"> <p><b>Component Description:</b> PV 200 277/480-3Y</p> <p><b>Amount:</b> \$7,907.19</p> </div>



Current transmitter removal	<table> <tr> <td data-bbox="703 174 1011 208"><b>Component Description:</b></td><td data-bbox="1145 174 1378 327">WZVN-110-1st Primary Transmitter - Removal of Existing Transmitter</td></tr> <tr> <td data-bbox="703 338 813 371"><b>Amount:</b></td><td data-bbox="1145 338 1262 371">\$9,258.75</td></tr> <tr> <td data-bbox="703 477 1011 510"><b>Component Description:</b></td><td data-bbox="1145 477 1374 544">Removal of existing transmitters</td></tr> <tr> <td data-bbox="703 555 813 589"><b>Amount:</b></td><td data-bbox="1145 555 1278 589">\$10,287.50</td></tr> <tr> <td data-bbox="703 694 1011 728"><b>Component Description:</b></td><td data-bbox="1145 694 1378 846">WZVN-110-1st Primary Transmitter - Removal of Existing Transmitter</td></tr> <tr> <td data-bbox="703 857 813 891"><b>Amount:</b></td><td data-bbox="1145 857 1262 891">\$1,028.75</td></tr> </table>	<b>Component Description:</b>	WZVN-110-1st Primary Transmitter - Removal of Existing Transmitter	<b>Amount:</b>	\$9,258.75	<b>Component Description:</b>	Removal of existing transmitters	<b>Amount:</b>	\$10,287.50	<b>Component Description:</b>	WZVN-110-1st Primary Transmitter - Removal of Existing Transmitter	<b>Amount:</b>	\$1,028.75
<b>Component Description:</b>	WZVN-110-1st Primary Transmitter - Removal of Existing Transmitter												
<b>Amount:</b>	\$9,258.75												
<b>Component Description:</b>	Removal of existing transmitters												
<b>Amount:</b>	\$10,287.50												
<b>Component Description:</b>	WZVN-110-1st Primary Transmitter - Removal of Existing Transmitter												
<b>Amount:</b>	\$1,028.75												
Other Electrical Service: Onsite electrical contractor estimate for all electrical work needed to install the new transmitter.	<table> <tr> <td data-bbox="703 1025 1011 1059"><b>Component Description:</b></td><td data-bbox="1145 1025 1342 1137">Replaced Transmitter #2 Reworked piping</td></tr> <tr> <td data-bbox="703 1149 813 1182"><b>Amount:</b></td><td data-bbox="1145 1149 1278 1182">\$19,784.00</td></tr> <tr> <td data-bbox="703 1288 1011 1321"><b>Component Description:</b></td><td data-bbox="1145 1288 1366 1355">Trip Charge, 4SQ Box, 1/2' Mud Ring</td></tr> <tr> <td data-bbox="703 1366 813 1400"><b>Amount:</b></td><td data-bbox="1145 1366 1241 1400">\$248.34</td></tr> </table>	<b>Component Description:</b>	Replaced Transmitter #2 Reworked piping	<b>Amount:</b>	\$19,784.00	<b>Component Description:</b>	Trip Charge, 4SQ Box, 1/2' Mud Ring	<b>Amount:</b>	\$248.34				
<b>Component Description:</b>	Replaced Transmitter #2 Reworked piping												
<b>Amount:</b>	\$19,784.00												
<b>Component Description:</b>	Trip Charge, 4SQ Box, 1/2' Mud Ring												
<b>Amount:</b>	\$248.34												

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW		
	<b>Component Description:</b>	System, WZVN PRLX U24
	<b>Amount:</b>	\$58,010.85
	<b>Component Description:</b>	System, WZVN PRLX U24 D28
	<b>Amount:</b>	\$522,097.65
	<b>Component Description:</b>	SYSTEM, WZVN PRLX U24 D28; TV Transmitter Installation; Transmitter Proof of Performance; Removal of Existing DCX-2 IOT Transmitter; Transportation /Offloading
	<b>Amount:</b>	\$580,108.50

## Cost Information

### Antennas

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-24WB C160 CH 14-51	\$456,300.00	\$454,120.00		\$158,612.20	
Temporary interim antenna storage	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Interim antenna shipment	<i>\$18,000.00</i>	\$18,000.00	N/A	N/A	N/A
State Sales Tax	<i>\$12,720.00</i>	\$12,720.00	State sales tax on interim antenna related equipment.	\$7,780.20	N/A
Interim Operaton plumbing	<i>\$20,000.00</i>	\$20,000.00	Additional transmission line plumbing and labor for temporary operation.	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A

Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$13,000.00	Interim antenna elbow complex.	\$8,937.60	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	Sweep testing of interim antenna.	\$6,400.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 541 kW input, directional,, horizontally polarized	<b>\$357,000.00</b>	\$357,000.00	Dielectric side mount 24 bay antenna including installation.	\$135,494.40	N/A
<b>Primary Antenna TUM30-P4-14/42H-1-R</b>	<b>\$940,679.65</b>	<b>\$833,649.65</b>		<b>\$419,436.23</b>	
Temporary main antenna storage	<b>\$5,000.00</b>	\$5,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	Sweep testing of new antenna.	\$6,400.00	N/A

UHF - High Power Top Mount (200-1000 kW), Two Station broadband panel antenna, elliptically or circularly polarized	\$768,000.00	\$697,600.00	Alan Dick quoted E Pol panel antenna replacement including installation.	\$376,160.10	N/A
State Sales Tax	<b>\$30,165.00</b>	\$30,165.00	Estimated state sales tax for primary antenna related equipment.	\$18,785.48	N/A
New Main Antenna Shipping	<b>\$25,000.00</b>	\$25,000.00	Estimated cost for shipment of Alan Dick antenna from the UK.	N/A	N/A
Current Antenna Analysis	<b>\$4,734.65</b>	\$4,734.65	see Estimated Cost Justification WZVN-210-Primary Antenna - Existing Antenna Analysis v0	\$4,734.65	N/A
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	\$16,850.00	\$16,000.00	New main antenna elbow complex.	\$13,356.00	N/A

New combiner, cost per channel (without antenna)	\$84,200.00	\$48,750.00	Comark quoted combiner cost for channel 15 and channel 28.	N/A	N/A
<b>Sub-total</b>	\$1,396,979.65	\$1,287,769.65	N/A	\$578,048.43	N/A
<b>Total for all systems</b>	\$5,189,712.39	\$4,694,706.98	N/A	\$3,147,022.01	N/A

## Components

Actual Information	
Description	File Name
Temporary interim antenna storage	Information not provided.
Interim antenna shipment	Information not provided.
State Sales Tax	<div> <b>Component Description:</b> WZVN-280-Interim Antenna - State Sales Tax  <b>Amount:</b> \$4,045.70 </div> <div> <b>Component Description:</b> WZVN-210-Primary Antenna - State Sales Tax  <b>Amount:</b> \$3,734.50 </div>
Interim Operaton plumbing	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.

<p>Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)</p>	<table> <tr> <td data-bbox="721 174 1027 208"><b>Component Description:</b></td><td data-bbox="1161 174 1358 241">Interim Antenna, Elbow Complex</td></tr> <tr> <td data-bbox="721 255 831 288"><b>Amount:</b></td><td data-bbox="1161 255 1278 288">\$4,468.80</td></tr> <tr> <td data-bbox="721 394 1027 427"><b>Component Description:</b></td><td data-bbox="1161 394 1369 551">WZVN-280- Interim Antenna - Elbow Complex, Broadband, 6 1/8"</td></tr> <tr> <td data-bbox="721 555 831 589"><b>Amount:</b></td><td data-bbox="1161 555 1278 589">\$4,468.80</td></tr> </table>	<b>Component Description:</b>	Interim Antenna, Elbow Complex	<b>Amount:</b>	\$4,468.80	<b>Component Description:</b>	WZVN-280- Interim Antenna - Elbow Complex, Broadband, 6 1/8"	<b>Amount:</b>	\$4,468.80				
<b>Component Description:</b>	Interim Antenna, Elbow Complex												
<b>Amount:</b>	\$4,468.80												
<b>Component Description:</b>	WZVN-280- Interim Antenna - Elbow Complex, Broadband, 6 1/8"												
<b>Amount:</b>	\$4,468.80												
<p>Sweep test of existing antenna</p>	<table> <tr> <td data-bbox="721 725 1027 759"><b>Component Description:</b></td><td data-bbox="1161 725 1362 837">WZVN-280- Interim Antenna - Sweep Test</td></tr> <tr> <td data-bbox="721 846 831 880"><b>Amount:</b></td><td data-bbox="1161 846 1278 880">\$6,400.00</td></tr> </table>	<b>Component Description:</b>	WZVN-280- Interim Antenna - Sweep Test	<b>Amount:</b>	\$6,400.00								
<b>Component Description:</b>	WZVN-280- Interim Antenna - Sweep Test												
<b>Amount:</b>	\$6,400.00												
<p>UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 541 kW input, directional,, horizontally polarized</p>	<table> <tr> <td data-bbox="721 1016 1027 1050"><b>Component Description:</b></td><td data-bbox="1161 1016 1362 1218">WZVN-280- Interim Antenna - UHF High Power Side Mount Antenna, H-POL</td></tr> <tr> <td data-bbox="721 1223 831 1256"><b>Amount:</b></td><td data-bbox="1161 1223 1294 1256">\$19,948.80</td></tr> <tr> <td data-bbox="721 1357 1027 1391"><b>Component Description:</b></td><td data-bbox="1161 1357 1362 1559">WZVN-280- Interim Antenna - UHF High Power Side Mount Antenna, H-POL</td></tr> <tr> <td data-bbox="721 1563 831 1597"><b>Amount:</b></td><td data-bbox="1161 1563 1294 1597">\$57,772.80</td></tr> <tr> <td data-bbox="721 1697 1027 1731"><b>Component Description:</b></td><td data-bbox="1161 1697 1347 1731">Interim Antenna</td></tr> <tr> <td data-bbox="721 1736 831 1769"><b>Amount:</b></td><td data-bbox="1161 1736 1294 1769">\$57,772.80</td></tr> </table>	<b>Component Description:</b>	WZVN-280- Interim Antenna - UHF High Power Side Mount Antenna, H-POL	<b>Amount:</b>	\$19,948.80	<b>Component Description:</b>	WZVN-280- Interim Antenna - UHF High Power Side Mount Antenna, H-POL	<b>Amount:</b>	\$57,772.80	<b>Component Description:</b>	Interim Antenna	<b>Amount:</b>	\$57,772.80
<b>Component Description:</b>	WZVN-280- Interim Antenna - UHF High Power Side Mount Antenna, H-POL												
<b>Amount:</b>	\$19,948.80												
<b>Component Description:</b>	WZVN-280- Interim Antenna - UHF High Power Side Mount Antenna, H-POL												
<b>Amount:</b>	\$57,772.80												
<b>Component Description:</b>	Interim Antenna												
<b>Amount:</b>	\$57,772.80												
<p>Temporary main antenna storage</p>	<p>Information not provided.</p>												

Sweep test of existing antenna	<div> <b>Component Description:</b> WZVN-210-Primary Antenna - Sweep Test</div> <div> <b>Amount:</b> \$1,280.00</div>
	<div> <b>Component Description:</b> Primary Antenna - Sweep Test</div> <div> <b>Amount:</b> \$2,560.00</div>
	<div> <b>Component Description:</b> WZVN-210-Primary Antenna - Sweep Test</div> <div> <b>Amount:</b> \$2,560.00</div>
UHF - High Power Top Mount (200-1000 kW), Two Station broadband panel antenna, elliptically or circularly polarized	<div> <b>Component Description:</b> UHF - HIGH POWER TOP MOUNT (200-1000 KW)</div> <div> <b>Amount:</b> \$88,734.90</div>
	<div> <b>Component Description:</b> UHF high power top mount</div> <div> <b>Amount:</b> \$143,712.60</div>
	<div> <b>Component Description:</b> UHF - HIGH POWER TOP MOUNT (200-1000KW)</div> <div> <b>Amount:</b> \$143,712.60</div>



State Sales Tax	<b>Component Description:</b> Florida Sales Tax	
	<b>Amount:</b> \$9,688.58	
	<b>Component Description:</b> sales tax to the State of Florida	
	<b>Amount:</b> \$9,096.90	
New Main Antenna Shipping	Information not provided.	
Current Antenna Analysis	<b>Component Description:</b> Antenna System checkout - 1 Work Day	
	<b>Amount:</b> \$4,734.65	
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	<b>Component Description:</b> WZVN-210- Primary Antenna - Elbow Complex, Broadband, 7 3 /16"	
	<b>Amount:</b> \$5,342.40	
	<b>Component Description:</b> Primary Antenna, Elbow Complex	
	<b>Amount:</b> \$5,342.40	
	<b>Component Description:</b> WZVN-210- Primary Antenna - Elbow Complex, Broadband, 7 3 /16"	
	<b>Amount:</b> \$2,671.20	
New combiner, cost per channel (without antenna)	Information not provided.	

## Cost Information

### Transmission Line

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Interim Transmission Line</b>	<b>\$399,397.70</b>	<b>\$382,072.70</b>		<b>\$17,378.70</b>	
Temporary storage for interim TX line	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
State sales tax	<i>\$20,880.00</i>	\$20,880.00	State sales tax for interim line related equipment.	N/A	N/A
Shipment of interim TX line	<i>\$8,117.70</i>	\$8,117.70	see Estimated Cost Justification WZVN-380-Interim Transmission Line - Shipping v0	\$8,117.70	N/A
Rigid Transmission Line - copper, 6 1/8" broadband	\$365,400.00	\$348,075.00	N/A	\$9,261.00	N/A
<b>Primary Transmission Line</b>	<b>\$594,747.20</b>	<b>\$569,547.20</b>		<b>\$389,318.58</b>	
State sales tax	<i>\$30,000.00</i>	\$30,000.00	State sales tax on new main line related equipment.	\$14,618.31	N/A

Shipment of main TX line	<b>\$35,272.20</b>	\$35,272.20	see Estimated Cost Justification WZVN-310-Primary Transmission Line - Shipping v0	\$35,272.20	N/A
Temporary main TX line storage	<b>\$5,000.00</b>	\$5,000.00	N/A	\$4,040.00	N/A
Rigid Transmission Line - copper, 7 3/16" broadband	\$524,475.00	\$499,275.00	N/A	\$335,388.07	N/A
<b>Sub-total</b>	\$994,144.90	\$951,619.90	N/A	\$406,697.28	N/A
<b>Total for all systems</b>	\$5,189,712.39	\$4,694,706.98	N/A	\$3,147,022.01	N/A

## Components

Actual Information	
Description	File Name
Temporary storage for interim TX line	Information not provided.
State sales tax	Information not provided.
Shipment of interim TX line	<p><b>Component Description:</b> WZVN-380-Interim Transmission Line - Shipping</p> <p><b>Amount:</b> \$8,117.70</p>

Rigid Transmission Line - copper, 6 1/8" broadband	<b>Component Description:</b> WZVN-380-Interim Transmission Line - Rigid Transmission Line Copper, 6 1 /8", Broadband  <b>Amount:</b> \$9,261.00
State sales tax	<b>Component Description:</b> WZVN-310-Primary Transmission Line - State Sales Tax  <b>Amount:</b> \$7,432.44  <b>Component Description:</b> WZVN-280-Interim Antenna - State Sales Tax  <b>Amount:</b> \$7,185.87
Shipment of main TX line	<b>Component Description:</b> WZVN-310-Primary Transmission Line - Shipping  <b>Amount:</b> \$35,272.20
Temporary main TX line storage	<b>Component Description:</b> WZVN-310-Primary Transmission Line - Temporary Storage for Main Transmission Line  <b>Amount:</b> \$4,040.00

Rigid Transmission Line - copper, 7 3/16" broadband	<b>Component Description:</b>		RIGID
			TRANSMISSION
			LINE - COPPER
	<b>Amount:</b>		\$95,859.16
	<b>Component Description:</b>		Rigid transmission
			line - copper
	<b>Amount:</b>		\$119,764.47
	<b>Component Description:</b>		Rigid transmission
			line - copper
	<b>Amount:</b>		\$119,764.44

## Cost Information

### Tower Equipment and Rigging Costs

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Primary Tower TOWER</b>	<b>\$511,080.00</b>	<b>\$588,232.52</b>		<b>\$544,404.52</b>	
Minor tower reinforcement /modifications	\$158,000.00	\$199,740.00	Proposal TCI-18-015D	\$159,792.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$8,120.00	N/A
Tower Helicopter Lift	<i>\$129,980.00</i>	\$129,980.00	Please see Tower Consultants Inc. Change Order Request One	\$129,980.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$246,512.52	see Estimated Cost Justification WZVN-410-Existing Primary Tower - Tower Equipment and Rigging Costs, Tall Tower v0	\$246,512.52	N/A
<b>Sub-total</b>	<b>\$511,080.00</b>	<b>\$588,232.52</b>	<b>N/A</b>	<b>\$544,404.52</b>	<b>N/A</b>

<b>Total for all systems</b>	\$5,189,712.39	\$4,694,706.98	N/A	\$3,147,022.01	N/A
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## Components

Actual Information	
Description	File Name
Minor tower reinforcement /modifications	<b>Component Description:</b> Mobilization Invoice
	<b>Amount:</b> \$59,922.00
	<b>Component Description:</b> Tower reinforcements /modifications; 1516 ft guyed tower
	<b>Amount:</b> \$99,870.00
Structural engineering tower load study for well documented tower	<b>Component Description:</b> Services rendered by Tower Consultants, Inc. in connection with the initial Analysis Run
	<b>Amount:</b> \$8,120.00
Tower Helicopter Lift	<b>Component Description:</b> Change Order #1 - Helicopter Pick
	<b>Amount:</b> \$64,990.00
	<b>Component Description:</b> Change Order #1 - Helicopter Pick
	<b>Amount:</b> \$64,990.00

Tall Tower (greater than 500')

**Component Description:** Reported Weather Days  
**Amount:** \$28,600.00

**Component Description:** Completion Invoice  
**Amount:** \$52,768.00

**Component Description:** Change Order #2 - Additional Material to support input complex  
**Amount:** \$1,650.00

**Component Description:** WZVN-410- Existing Primary Tower - Tower Equipment and Rigging Costs, Tall Tower  
**Amount:** \$56,040.00

**Component Description:** 2 men to help with the tuning of top antenna, troubleshoot the light  
**Amount:** \$2,400.00

**Component Description:** Tower Equipment and Rigging Costs, Tall Tower  
**Amount:** \$93,400.00

**Component Description:** Conduit  
**Amount:** \$11,654.52



Cost  
Information

Outside Professional Services

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$429,690.96	\$443,726.03		\$287,425.58	
Washington Engineering	<i>\$109,320.96</i>	\$109,320.96	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$106,670.96	Please see submitted invoices
DTV Pros	<i>\$3,500.00</i>	\$3,500.00	N/A	N/A	N/A
Comark	<i>\$15,300.00</i>	\$15,300.00	N/A	\$15,300.00	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A

Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$2,455.00	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$1,450.00	Please see submitted invoices
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$770.00	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$200.00	Please see submitted invoices
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$19,537.85	invoice; invoices Cohen Dippell and Everist, P. C. WZVN032919 and WZVN043019; Justifying Invoice - WZVN-TV Cohen WZVN053119	\$16,480.05	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$765.00	N/A
Project management of the transition	\$144,570.00	\$138,750.00	N/A	\$123,467.35	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$3,724.40	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$3,724.40	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$19,367.82	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$19,367.82	Invoices
<b>Sub-total</b>	\$429,690.96	\$443,726.03	N/A	\$287,425.58	N/A
<b>Total for all systems</b>	\$5,189,712.39	\$4,694,706.98	N/A	\$3,147,022.01	N/A

## Components

**Actual Information**  
**Description**

**File Name**

<b>Component Description:</b>	Consulting engineering services
<b>Amount:</b>	\$6,169.90
<b>Component Description:</b>	Consulting engineering services
<b>Amount:</b>	\$1,384.70
<b>Component Description:</b>	CAROLYN LYONS
<b>Amount:</b>	\$7,638.50
<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$1,423.20
<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$5,721.21
<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$1,638.82
<b>Component Description:</b>	WZVN-530-RF Eng - Washington Engineering
<b>Amount:</b>	\$4,183.64
<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$1,255.74

<b>Component Description:</b>	Professional Services
<b>Amount:</b>	\$3,170.00

<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$1,541.70

<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$2,623.20

<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$3,370.55

<b>Component Description:</b>	Consulting engineering services through October 2019
<b>Amount:</b>	\$1,526.60

<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$3,609.20

<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$6,622.40

<b>Component Description:</b>	Professional Services
<b>Amount:</b>	\$2,510.00

<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$4,622.70
<b>Component Description:</b>	WZVN-530-RF Eng - Washington Engineering: \$2499.20
<b>Amount:</b>	\$2,499.20
<b>Component Description:</b>	Consulting engineering services through April 2019 concerning preliminary study of possible coverage for temporary broadband antenna
<b>Amount:</b>	\$1,404.10
<b>Component Description:</b>	Professional Services
<b>Amount:</b>	\$2,566.08
<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$987.40
<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$4,627.60
<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$3,922.60

<b>Component Description:</b>	N/A
<b>Amount:</b>	N/A

<b>Component Description:</b>	Consulting engineering services through July 2019
<b>Amount:</b>	\$2,641.80

<b>Component Description:</b>	Consulting Engineering Services
<b>Amount:</b>	\$1,619.60

<b>Component Description:</b>	Consulting engineering services through June 28, 2018 concerning potential change of antenna manufacturer from Jampro to Dielectric and notification to FCC
<b>Amount:</b>	\$5,768.20

<b>Component Description:</b>	April 2018
<b>Amount:</b>	\$1,384.70

<b>Component Description:</b>	Consulting engineering services
<b>Amount:</b>	\$9,778.20

<b>Component Description:</b>	Professional Services
<b>Amount:</b>	\$3,572.50

	<b>Component Description:</b>	Consulting and Engineering Services through October 2019
	<b>Amount:</b>	\$562.50
	<b>Component Description:</b>	Consulting Engineering Services
	<b>Amount:</b>	\$2,305.70
	<b>Component Description:</b>	Consulting Engineering Services
	<b>Amount:</b>	\$4,887.02
	<b>Component Description:</b>	Mailing: Print and Mail a two page, black and white genetically addressed letter with a specifically addressed USPS barcoded route sorted envelope
	<b>Amount:</b>	\$2,650.00
	<b>Component Description:</b>	Consulting Engineering Services
	<b>Amount:</b>	\$516.40
	<b>Component Description:</b>	Consulting engineering services
	<b>Amount:</b>	\$5,768.20
DTV Pros	Information not provided.	



Comark	<b>Component Description:</b> DEPOSIT	
	<b>Amount:</b> \$3,000.00	
	<b>Component Description:</b> System design services/site survey	
	<b>Amount:</b> \$12,300.00	
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
ASR modification (prepare FCC Form 854)	Information not provided.	
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.	
NEPA Section 106 environmental review, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	

<p>Attorney Fees - Negotiation of lease and other matters for shared locations</p>	<table> <tr> <td data-bbox="697 100 1098 324"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1098 100 1428 324"> <p>Professional Services Rendered \$600.00</p> </td></tr> <tr> <td data-bbox="697 324 1098 548"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1098 324 1428 548"> <p>Professional Services Rendered \$850.00</p> </td></tr> <tr> <td data-bbox="697 548 1098 902"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1098 548 1428 902"> <p>WZVN-550- Attorney - Negotiation of Lease and Other Matters: \$855.00 \$855.00</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Professional Services Rendered \$600.00</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Professional Services Rendered \$850.00</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>WZVN-550- Attorney - Negotiation of Lease and Other Matters: \$855.00 \$855.00</p>
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Professional Services Rendered \$600.00</p>						
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Professional Services Rendered \$850.00</p>						
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>WZVN-550- Attorney - Negotiation of Lease and Other Matters: \$855.00 \$855.00</p>						
<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<table> <tr> <td data-bbox="697 902 1098 1153"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1098 902 1428 1153"> <p>WZVN-550- Attorney- License to Cover: \$200.00 \$200.00</p> </td></tr> <tr> <td data-bbox="697 1153 1098 1413"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1098 1153 1428 1413"> <p>Professional Services Rendered \$570.00</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>WZVN-550- Attorney- License to Cover: \$200.00 \$200.00</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Professional Services Rendered \$570.00</p>		
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>WZVN-550- Attorney- License to Cover: \$200.00 \$200.00</p>						
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Professional Services Rendered \$570.00</p>						
<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<p>Information not provided.</p>						

Perform engineering study  
for new channel  
assignment and antenna  
development

**Component Description:**

Consulting  
Engineering  
Services through  
May 2019  
concerning  
Preliminary  
Allocation study

**Amount:**

\$6,594.40

**Component Description:**

Consulting  
engineering  
services through  
July 2018  
concerning  
potential change of  
antenna  
manufacturer from  
Jampro to Dielectric

**Amount:**

\$1,725.00

**Component Description:**

Consulting  
engineering  
services, others  
expenses

**Amount:**

\$1,716.85

**Component Description:**

Consulting  
engineering  
services through  
July 2018  
concerning  
potential change of  
antenna  
manufacturer from  
Jampro to Dielectric

**Amount:**

\$1,725.00

**Component Description:**

Consulting  
engineering  
services

**Amount:**

\$6,443.80

Prepare and or review reimbursement form	<b>Component Description:</b>	Prepare and/or Review Reimbursement Form
	<b>Amount:</b>	\$270.00
	<b>Component Description:</b>	Professional Services Rendered
	<b>Amount:</b>	\$495.00
	<b>Component Description:</b>	Professional services
	<b>Amount:</b>	\$495.00
Project management of the transition	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$9,058.05
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$2,665.15
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$6,836.20
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$3,399.80
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$3,049.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,024.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,119.10

<b>Component Description:</b>	Professional services
<b>Amount:</b>	\$100.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$9,050.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,526.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$688.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,912.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,470.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,323.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,244.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,059.20

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$2,362.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,037.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$450.00

<b>Component Description:</b>	Professional services
<b>Amount:</b>	\$600.00

<b>Component Description:</b>	Professional services
<b>Amount:</b>	\$280.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,168.20

<b>Component Description:</b>	Professional services
<b>Amount:</b>	\$725.00

<b>Component Description:</b>	Cost Reconciliation
<b>Amount:</b>	\$2,833.10

<b>Component Description:</b>	Professional services
<b>Amount:</b>	\$200.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$313.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$378.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,714.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,531.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,820.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,561.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,043.80

	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$3,880.40
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$2,132.60
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$2,129.15
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$2,708.25
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$1,602.90
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$5,786.65
Prepare request for Special Temporary Authorization	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$677.50
	<b>Component Description:</b>	WZVN-530-RF Eng - Special Temporary Authorization
	<b>Amount:</b>	\$3,724.40



Prepare engineering  
section of FCC Form 2100  
(main), Construction  
Permit Application

**Component Description:** Professional  
Services  
**Amount:** \$866.90

**Component Description:** Consulting  
Engineering  
Services  
**Amount:** \$6,220.42

**Component Description:** Consulting  
engineering  
services  
**Amount:** \$3,801.20

**Component Description:** Consulting  
engineering  
services  
**Amount:** \$4,410.75

**Component Description:** Legal services  
**Amount:** \$4,068.55

## Cost Information

### Other Expenses

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$64,319.12</b>	<b>\$63,724.12</b>		<b>\$16,395.43</b>	
MVPD Notification of Channel Change	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Local Zoning	<i>\$6,262.50</i>	\$6,262.50	See Estimated Cost Justification WZVN-610-Local Zoning v0	\$6,262.50	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,400.00	N/A
Comark Training	<i>\$4,800.00</i>	\$4,800.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A

Equipment Storage	<b>\$1,200.00</b>	\$1,200.00	N/A	\$1,104.05	N/A
Equipment Delivery and Handling Charges	<b>\$25,000.00</b>	\$25,000.00	N/A	\$1,427.26	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$4,201.62</b>	\$4,201.62	see Estimated Cost Justification WZVN-610 Disposal Costs v0	\$4,201.62	N/A
<b>Sub-total</b>	\$64,319.12	\$63,724.12	N/A	\$16,395.43	N/A
<b>Total for all systems</b>	\$5,189,712.39	\$4,694,706.98	N/A	\$3,147,022.01	N/A

## Components

Actual Information	
Description	File Name
MVPD Notification of Channel Change	Information not provided.
Local Zoning	<p><b>Component Description:</b> ZONING - COMMERCIAL MISC</p> <p><b>Amount:</b> \$6,262.50</p>
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.

DTV Medical Facility Notification	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Medical Notification  \$2,650.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> WZVN-610-Medical Facility Notification:  \$550.00  \$550.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> WZVN-610-Medical Facility Notification  - \$200.00  \$200.00 </div> </div>
Comark Training	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.

Equipment Storage	<b>Component Description:</b>	Monthly Rental of Container at Your Location
	<b>Amount:</b>	\$175.84
	<b>Component Description:</b>	Monthly Rental of Container at Your Location
	<b>Amount:</b>	\$175.84
	<b>Component Description:</b>	Deliver Empty Container to Location and Monthly Rental of Container
	<b>Amount:</b>	\$378.06
Equipment Delivery and Handling Charges	<b>Component Description:</b>	Monthly Rental of Container at Your Location
	<b>Amount:</b>	\$175.84
	<b>Component Description:</b>	Pickup Empty Container from Your Location
	<b>Amount:</b>	\$198.47
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>Component Description:</b>	SCISSOR LIFT
	<b>Amount:</b>	\$758.63
	<b>Component Description:</b>	Scissor Lift 19' Electric
	<b>Amount:</b>	\$668.63
	<b>Component Description:</b>	30 Yd rolloff
	<b>Amount:</b>	\$586.87

<b>Component Description:</b>	4 Yard dumpster service
<b>Amount:</b>	\$331.58

<b>Component Description:</b>	6 yard dumpster service
<b>Amount:</b>	\$238.04

<b>Component Description:</b>	6 Yard dumpster service
<b>Amount:</b>	\$328.20

<b>Component Description:</b>	30 Yd rolloff
<b>Amount:</b>	\$575.40

<b>Component Description:</b>	4 Yard dumpster
<b>Amount:</b>	\$331.64

<b>Component Description:</b>	Delivery 20 yd open top
<b>Amount:</b>	\$494.46

<b>Component Description:</b>	Ticketed 4 yd fel tuesdays only
<b>Amount:</b>	\$333.99

<b>Component Description:</b>	6 Yard dumpster
<b>Amount:</b>	\$320.69

<b>Component Description:</b>	4 Yard dumpster
<b>Amount:</b>	\$331.27

<b>Component Description:</b>	4 Yard dumpster
<b>Amount:</b>	\$329.48

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**Cost  
Information****Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$5,189,712.39	\$4,694,706.98	\$3,147,022.01

**Reimbursement Status**

Question	Response
The facility has ceased operating on its pre-auction channel.	Yes
Construction of final facilities or all necessary modifications are complete.	Yes
All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	



4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Daniel Eugene Billings**  
*Director of Engineering*

02/22/2021

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Daniel Eugene Billings</b>  <i>Director of Engineering</i></p> <p>02/22/2021</p>

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	

3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.
4. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
6. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Daniel Eugene Billings**  
*Director of Engineering*

02/22/2021

**Attachments**